

Converting Colors

XYZ(18.3721, 23.8912, 14.0060)

Have a look what the booklet for
XYZ(18.3721, 23.8912, 14.0060)
contains.

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Color

**XYZ(18.3538, 23.8147,
13.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8F5D
RGB	111, 143, 93
RGB Percent	44%, 56%, 36%
CMY	0.5647, 0.4392, 0.6353
CMYK	0.22, 0.00, 0.35, 0.44
HSL	98°, 21%, 46%
HSV	98°, 35%, 56%
XYZ	18.3538, 23.8147, 13.9853
YIQ	127.7320, -3.0220, -22.3340

Conversions

Conversions Part 2

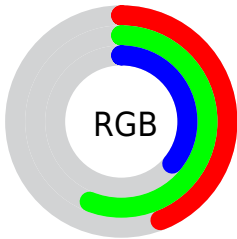
Format	Color
R_{YB}	93, 143, 125
Decimal	7311197
CIE _{Lab}	55.90, -20.92, 23.06
CIE _{LCh}	56, 31.135, 132.217
Y _{xy}	23.8147, 0.3268, 0.4241
Android (android.graphics.Color)	4285501277 (0xFF6F8F5D)
YUV	127.7320, -17.1229, -14.6740
Hunter-Lab	48.8003, -18.2667, 17.1688

Details

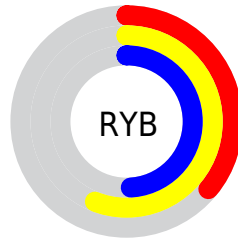
The XYZ color **18.3538, 23.8147, 13.9853** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3307, 14.1725, 27.8100**, and the grayscale version is **20.4836, 21.5504, 23.4684**.

A 20% lighter version of the original color is **40.1046, 49.7327, 33.8712**, and **6.3069, 8.8757, 3.9655** is the 20% darker color. If you saturate the color by 10%, you get **16.6856, 23.0219, 10.9045**, and if you desaturate by 10%, it is **20.2597, 24.7178, 17.6966**.

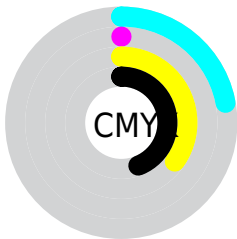
Distribution



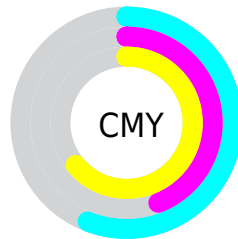
- Red (44%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3538, 23.8147, 13.9853 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.3538, 23.8147, 13.9853 by changing the saturation by 10% instead.

■ 18.3538, 23.8147,
13.9853

■ 18.3538, 23.8147,
13.9853

235.8650,
271.8823, 228.5646

■ 11.3055, 15.1962,
7.9718

■ 40.1646, 49.7276,
33.7797

■ 6.3415, 8.9572,
3.9894

■ 55.6579, 67.7909,
48.3977

■ 3.0965, 4.7133,
1.6195

■ 74.6969, 89.7712,
66.7209

■ 1.2050, 2.0800,
0.3047

■ 97.6470, 116.0530,
89.1679

■ 0.1103, 0.6534,
0.0000

124.8734,
147.0206, 116.1573

■ 0.0000, 0.0000,
0.0000

156.7417,

183.0584, 148.1075

193.6171,
224.5508, 185.4371

■ 18.3538, 23.8147,
13.9853

■ 18.3538, 23.8147,
13.9853

■ 16.6856, 23.0219,
10.9045

■ 20.2597, 24.7178,
17.6966

■ 15.2432, 22.3319,
8.4176

■ 22.4110, 25.7323,
22.0690

■ 14.0162, 21.7408,
6.4867


■ 24.8172, 26.8631,
27.1333


■ 12.9925, 21.2434,
5.0687


■ 27.4868, 28.1141,
32.9177


■ 12.1587, 20.8338,
4.1145


■ 30.4279, 29.4887,
39.4488


 11.4980, 20.5048,
3.5586

 33.6481, 30.9905,
46.7520

 11.2123, 20.3621,
3.3393

 37.1548, 32.6227,
54.8513

 40.9552, 34.3883,
63.7699

 45.0560, 36.2906,
73.5298

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.2221, 23.8147, 11.1390



18.3538, 23.8147, 13.9853



16.7409, 23.8147, 20.4092

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.3538, 23.8147, 13.9853



20.6149, 23.8147, 49.3375



29.9785, 23.8147, 22.0117

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.3538, 23.8147, 13.9853



17.3307, 14.1725, 27.8100

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.7722, 23.8147, 32.3665



18.3538, 23.8147, 13.9853



24.1096, 23.8147, 50.0954

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.3538, 23.8147, 13.9853



17.9495, 23.8147, 41.3979



27.5354, 23.8147, 43.2577



28.0727, 23.8147, 14.8932

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.3538, 23.8147, 13.9853



16.4799, 23.8147, 26.6932



27.5354, 23.8147, 43.2577



30.1590, 23.8147, 25.1818

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.3544, 23.8157, 13.9858



42.1233, 47.0167, 43.6741



20.5959, 21.2139, 13.3655



9.5365, 10.7240, 9.7566



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.3544, 23.8157, 13.9858



30.4669, 41.5066, 20.5839



16.6215, 22.8868, 15.5142



5.5147, 6.1180, 5.7796



9.9347, 18.0141, 2.9535



0.1175, 0.1838, 0.0293

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.3307, 14.1725, 27.8100



28.3398, 21.5395, 49.2019



19.7106, 15.4560, 25.3625



5.4405, 5.4153, 6.7873



8.2677, 3.7557, 23.2663



0.1032, 0.0484, 0.2236

Previews

White Background



This preview shows how the XYZ color 18.3538, 23.8147, 13.9853 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.3538, 23.8147, 13.9853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

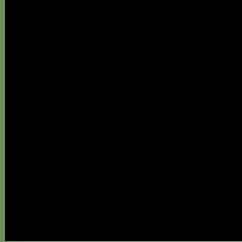
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3538, 23.8147, 13.9853

Background



This preview shows how black text looks on a background with the XYZ color 18.3538, 23.8147, 13.9853.



This preview shows how white text looks on a background with the XYZ color 18.3538, 23.8147,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.3538, 23.8147, 13.9853

Protanopia

22.0053, 23.7912, 12.8836

Deuteranopia

23.9310, 23.5520, 14.3510



Tritanopia

21.6784, 23.6368, 31.0236

Trichromacy



Original Color

18.3538, 23.8147, 13.9853

Protanomaly

20.4640, 23.6161, 13.1526

Deuteranomaly

21.4376, 23.2640, 14.1870

Tritanomaly

20.2658, 23.7105, 23.5871

Monochromacy



Original Color

18.3538, 23.8147, 13.9853

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.5081, 22.1504, 19.4669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3538, 23.8147, 13.9853 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 143, 93)` looks like.

```
.text, #text, p{  
    color:rgb(111, 143, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 143, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.3538, 23.8147, 13.9853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 143, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 143, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 143, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 93);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3538, 23.8147, 13.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
143, 93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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